

1 **WHAT IS CLAIMED IS:**

- 2 1. A collapsible barbecue grill assembly comprising:
3 a top rack (20) composed of two side frames (22a) (22b) and two
4 panels (24a) (24b) pivotally and connecting between the two side frames
5 (22a) (22b), wherein each side frame is a U-shaped frame and has a top and
6 two arms and one of the panels has a curved collar (242) to surround more
7 than half of a circumference of a corresponding one of the arms of the side
8 frame to which the panel is attached to pivotally mount the panel (24) on the
9 arm;
10 a leg assembly (10) attached to the top rack (20) to support the top
11 rack (20) and having four legs to respectively and detachably engage with
12 the two arms of two the side frames (22a) (22b); and
13 a foldable charcoal container (30) mounted on the top rack (20)
14 composed of two symmetrical bodies (32) pivotally connected with each
15 other to construct an enclosing wall with a bottom opening and a top opening,
16 and a bottom plate (32) attached to the enclosing wall to cover the bottom
17 opening.
18 2. The collapsible barbecue grill assembly as claimed in claim 1,
19 wherein each symmetrical body (32) of the charcoal container (30) has a
20 long side board (322) with two long sides and two short sides, and two wings
21 (324) are respectively and pivotally attached to the two short sides of the
22 long side board (322); and
23 each wing (324) on one of the symmetrical bodies (32) has a distal
24 end pivotally connected to an adjacent distal end of a corresponding one of

- 1 the wings (324) on the other symmetrical body (32).
- 2 3. The collapsible barbecue grill assembly as claimed in claim 1,
- 3 wherein two holding strips (34) are mounted between two side frames (22a)
- 4 (22b) on the top rack (20) for resting the charcoal container (30) on the top
- 5 rack (20), wherein each holding strip (34) has two ends and two curved ears
- 6 (342) respectively formed on the two ends to hook partial periphery of the
- 7 tops of the side frames (22a) (22b); and
- 8 a top flange (326) is outwardly formed on the long side board (322)
- 9 of each symmetrical body (32) near the top opening of the enclosing wall to
- 10 rest on a corresponding one of the two holding strips (34).
- 11 4. The collapsible barbecue grill assembly as claimed in claim 2,
- 12 wherein two holding strips (34) are mounted between two side frames (22a)
- 13 (22b) on the top rack (20) for resting the charcoal container (30) on the rack
- 14 (20), wherein each holding strip (34) has two ends and two curved ears (342)
- 15 respectively formed on the two ends to hook partial periphery of the tops of
- 16 the side frames (22a) (22b); and
- 17 a top flange (326) is formed on the long side board (322) of each
- 18 symmetrical body (32) near the top opening of the enclosing wall to rest on a
- 19 corresponding one of the two holding strips (34).
- 20 5. The collapsible barbecue grill assembly as claimed in claim 4,
- 21 wherein a horizontal member (26a) (26b) extends between the two arms of
- 22 each side frame (22a) (22b).
- 23 6. The collapsible barbecue grill assembly as claimed in claim 1,
- 24 wherein each leg is composed of a grounding tube (12) with a connecting

1 end and an abutting end and a middle tube (14) with an engaging end and an
2 inserting end;

3 an enlarged rubber foot (122) is attached on the abutting end of the
4 grounding tube (12);

5 a frustum (124) is formed on the connecting end of the grounding
6 tube (12) and has a stub (126) formed on an outer periphery of the frustum
7 (124);

8 the engaging end of the middle tube (14) has an inner diameter
9 slightly smaller than a maximum outer diameter of the frustum (124) to
10 tightly receive the frustum (124) and further has a dent formed inside to mate
11 with the stub (126) of the grounding tube (12);

12 the inserting end of the middle tube (14) is a frustum (144) with a
13 stub (146); and

14 each arm of the side frame connecting to the leg has an inner
15 diameter slightly smaller than a maximum outer diameter of the inserting end
16 to tightly receive the narrow frustum (144) of the middle tube (14) and
17 further has a dent formed inside to mate with the stub (146) of the middle
18 tube (14).

19 7. The collapsible barbecue grill assembly as claimed in claim 1,
20 wherein the collapsible barbecue grill assembly further has a grill (40)
21 mounted on the top rack (20) over the charcoal container (30).

22 8. The collapsible barbecue grill assembly as claimed in claim 1,
23 wherein the collapsible barbecue grill assembly further has a grill plate (50)
24 mounted on the top rack (20) over the charcoal container (30).